

## Community Hospitals and E&Ts Utilization Rates Per Capita by Race/Ethnicity

**Operational Definition:** Average number of Community Hospitals and E&Ts days per client in a Fiscal Year by Race/Ethnicity.

**Operational Measure:** The total number of inpatient days in community Hospitals and E&Ts divided by an estimate of the general population as of April 1st of the Calendar Year.

**Formulas:**

$$\frac{\text{Number of days of community days (CH, E\&T) service in Fiscal Year} \\ \{ \text{Asian/Pac. Islander, Afr. American, Caucasian, Hispanic, Nat. American} \} \\ \times 1000}{\text{Estimate of people in the general population in Fiscal Year} \\ \{ \text{Asian/Pac. Islander, Afr. American, Caucasian, Hispanic, Nat. American} \}}$$

**Discussion:** The table shows that African Americans and Native Americans have a higher average number of Community Inpatient days than other ethnic minority groups. These rates are relatively stable across the 3 years.

**Data Notes:**

- Evaluation and Treatment (E&T) services are only provided by Peninsula, King, North Sound RSN and Thurston-Mason RSN. Thurston-Mason opened their Adult E & T in 2005. Peninsula has an adolescent E&T and King and North Sound have adult E&Ts.
- The source for E&T data is the standard institutional transaction (837i) that is submitted to the Mental Health Division (MHD) by the Regional Support Networks.
- The source for Community Hospital data is the Medical Assistance Administration (MAA) paid claims file.
- The Community Hospital data is processed to include the MHD RSN Dispute Resolution table. This table tracks changes to the RSN which is assigned to the Community Hospital episode. The most recent RSN assigned to the hospital episode is used.
- The category MHD/unassigned found at the end of the data table includes Medicare crossover claims and Medical/detox/psychiatric pilot project clients who are not assigned to RSNs.
- Counts are unduplicated across Community Hospitals and E&Ts. If a client receives services in both settings within the Fiscal Year, they are only counted once, but their days would be aggregated across the settings.
- Due to a data processing change data for Puget Sound Behavioral Health the number of people served in community inpatient settings for Pierce RSN are under reported in 2003 and 2004.
- Counts are of inpatient days.
- Race/ethnicity is calculated using the MHD-CIS data elements of ethnicity and Hispanic origin. If a client is reported as Hispanic, then the client is counted as Hispanic and their race is not reported.
- If a client has more than one ethnicity or Hispanic origin value reported within the Fiscal Year, then the most recent value is used.
- The category other/unknown includes the following Race/ethnicity categories: missing or unknown, other, or more than one race reported.
- Population numbers by race/ethnicity are taken from WashingtonState's Office of Financial Management (OFM) estimates, which are based on the 2000 Census (<http://www.ofm.wa.gov/pop/default.asp>). At the time of this report, 2005 estimates were not available, so 2004 numbers were used.

## Community Hospitals and E&Ts Utilization Rates Per Capita by Race/Ethnicity

Race/Ethnicity	FY-2003			FY-2004			FY-2005		
	Population	# Days	Rate	Population	# Days	Rate	Population	# Days	Rate
African Americans	198,793	10,971	55.2	200,869	11,651	58.0	200,869	9,410	46.8
Asian/Pacific Islanders	377,908	3,160	8.4	383,941	4,132	10.8	383,941	3,818	9.9
Caucasians	4,774,152	86,261	18.1	4,808,975	88,922	18.5	4,808,975	79,964	16.6
Hispanics	503,086	4,797	9.5	517,706	5,720	11.0	517,706	5,309	10.3
Native Americans	89,395	2,991	33.5	91,053	3,054	33.5	91,053	3,029	33.3
Other/ Unknown		20,791			19,362			20,970	
Total Served	6,104,807	128,971	21.1	6,167,868	132,841	21.5	6,167,868	122,500	19.9

